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OPD - 2003-10-15

TI - ELECTRIC PARTS FOR AUTOMOBILE INTERIOR COMPONENTS AND ITS METHOD OF MANUFACTURE

AB - <P>PROBLEM TO BE SOLVED: To attain a light weight and a cost reduction, reduce a load of forming mold and improve an outer appearance of an outer circumferential end to simplify a terminal end processing in electric parts for automobile interior components and its method of manufacture. <P>SOLUTION: An interior component (a door rim upper) 20 is constituted by a light weight foam resin substrate 21 having a shape holding characteristic, a resin rib 22 integrally formed at its inner surface and an ornament material 23 overlaying the foam resin substrate 21. Accordingly, its light weight and cost reduction can be attained through usage of the light weight foam resin substrate 21 and reduction of a projected area by the resin rib 22. In addition, as to the terminal processing, the terminal part of product is formed with a groove 25 for hiding the cut end by a forming mold shape, the groove 25 is processed through cutting or the circumferential edge of the product has a product surface substantially crossing at a right angle with a mold opening direction (operating direction) of the upper and lower forming molds 41, 42, a winding margin 27 extending from the product surface is formed flat to improve an outer appearance at the outer circumferential end. <P>COPYRIGHT: (C)2005,JPO&NCIPI

IN - OTA TETSUYUKI; HARA MASAHIKO; ONO TATSUFUMI; AIZAWA HIROYUKI; SEKI NOBUAKI

PA - KASAI KOGYO KK

IC - B60R13/02; B29C45/14; B29C45/37; B60J5/00; B29K105/20; B29L9/00

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TI - Interior trim for motor vehicles, has resin rib integrated in reverse side of foamed-resin base material and groove formed in vertical wall in foamed-resin base material

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PA - (KAWA-N) KAWANISHI KOGYO KK

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AB - JP2005119404 NOVELTY - A resin rib (22) is integrated in the reverse side of a foamed-resin base material (21). A decorative strip (23) is arranged on the surface of the base material. A groove is formed in a vertical wall (24) in the base material, during molding of the base material in the metallic molds (41,42).

- DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for manufacturing method of interior trim of motor vehicles.

- USE - Interior trim such as door trim, rear parcel shelf, floor trim, trunk room trim and rear side trim for use in motor vehicles.

- ADVANTAGE - The formation of the resin rib, increases rigidity of the foamed-resin base material. The cut processing along the product terminal of the trim is performed easily without dragging-in effect, due to formation of the groove in the foamed-resin base material.

- DESCRIPTION OF DRAWING(S) - The figure shows a sectional view of a treatment process of the trim. (Drawing includes non-English language text).

- foamed-resin base material 21

- resin rib 22

- decorative strip 23

- vertical wall 24

- metallic molds 41,42

- (Dwg.10/22)
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 IN - OTA TETSUYUKI;HARA MASAHIKO;ONO TATSUFUMI;AIZAWA HIROYUKI;SEKI NOBUAKI
 PA - KASAI KOGYO CO LTD
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